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Date: 22 March 2007

Number of pages including cover sheet: 13

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| TO: | Mail Stop AF Attn: Wilbert L. Starks, Patent Examiner GAU 2129 | |
| OF: | USPTO | |
| FAX: | 571-273-8300 | PHONE: 571-272-3691 |
| FROM: | Vickie Kent Paralegal Specialist | |
| OF: | NASA Ames Research Center Mail Stop 202A-4 Moffett Field, CA 94035-1000 | |
| FAX: | (650) 604-2767 | PHONE: (650) 604-0887 |

Appl. No.: 10/789,029

Examiner: Wilbert L. Starks

Applicant: David L. Iverson

Docket No.: ARC-15058-1

Filed: 24 February 2004

Customer No.: 25186

TC/A.U.: 2129

Confirmation No. 7135

The following correspondence is attached:

Transmittal Form (1 page)

Amendment (11 pages)

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Signature

Vickie L. Kent

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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10789,029 |
| | Filing Date | 24 February 2004 |
| | First Named Inventor | David L. Iverson |
| | Art Unit | 2129 |
| | Examiner Name | Wilbert L. Starks |
| | Attorney Docket Number | ARC-15058-1 |
| Total Number of Pages in This Submission | | 15 |

| ENCLOSURES (Check all that apply) | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
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| <input checked="" type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input checked="" type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
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| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Landscape Table on CD | |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application | Remarks | |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | Amendment consists of 11 pages. | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---------------------------|----------|--------|
| Firm Name | NASA Ames Research Center | | |
| Signature | <i>John F. Schipper</i> | | |
| Printed name | John F. Schipper | | |
| Date | 22 March 2007 | Reg. No. | 26,994 |

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| Typed or printed name | Vickie L. Kent |
| Date | 22 March 2007 |

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ARC-15058-1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/789,029 Confirmation No. 7135
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Customer No. : 25186

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia. 22313-1450

AMENDMENT AND RESPONSE (FINAL REJECTION)

Dear Sir:

In response to receipt of an Office Action, mailed 26 January 2007, for the patent application identified above, please enter the following amendments.

Pages 2-7 set forth the claims, as amended

Pages 8-11 set forth a Reply To Examiner's Remarks.

In the claims:

All pending claims are set forth here. Cancel claims 2-7, 10, 12-14, 16-30, 32-37, 40 and 42-44 Amend claims 1, 8-9, 11, 15, 31, 38-39, 41 and 45-49 to read as follows.